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APPENDIX I - Standards



DEPARTMENT OF THE ARMY
ASSISTANT CHIEF OF STAFF FOR INSTALLATION MANAGEMENT
600 ARMY PENTAGON
WASHINGTON, DC 20310-0500



REPLY TO
ATTENTION OF

DAIM-ZA

18 JUN 2003

MEMORANDUM FOR

HEADQUARTERS, INSTALLATION MANAGEMENT AGENCY, 2511 JEFFERSON
DAVIS HIGHWAY, ARLINGTON, VA 22202


HEADQUARTERS, U.S. ARMY CORPS OF ENGINEERS, DIRECTOR OF MILITARY
PROGRAMS, 441 G. STREET, NW WASHINGTON, DC 20314

SUBJECT: Cooking Facilities in FY 2003 & 2004 Barracks

1. References:

- a. VCSA memo, 11 Jul 02, Subject: New Barracks Construction Criteria.
- b. ACSIM-CEMP memo, 1 May 03, Subject: Revised Barracks Construction Criteria.

2. This directs the addition of ranges or cook tops (smooth surface) to all FY 2003 & 2004 barracks projects, except for the modified 2+2 barracks in Korea, which do not have a service area. Many of the FY 2003 & 2004 projects already have this feature. Request you notify this office if there are any compelling technical or cost reasons why this directive cannot be implemented for a particular project. This HQ POC is Mr. Mino, DAIM-FDH, 703-428-7708, (DSN 328) george.mino@hqda.army.mil.


LARRY J. LUST 18/6/03
Major General, GS
Assistant Chief of Staff
for Installation Management

CF:
G1 (DAPE-PRR)



REPLY TO
ATTENTION OF

DAIM-ZA

DEPARTMENT OF THE ARMY
ASSISTANT CHIEF OF STAFF FOR INSTALLATION MANAGEMENT
600 ARMY PENTAGON
WASHINGTON, DC 20310-0600



MAY 1 2003

MEMORANDUM FOR HEADQUARTERS, INSTALLATION MANAGEMENT AGENCY,
2511 JEFFERSON DAVIS HIGHWAY, ARLINGTON, VA 22202-3926

SUBJECT: Revised Barracks Construction Criteria

1. Reference VCSA memo, 11 Jul 2002, Subject: New Barracks Construction Criteria (Encl 2).
2. We are making four changes to the barracks construction criteria to:
 - a. establish the two-bedroom/one bath module as the standard module;
 - b. require installation of a stove or cook top;
 - c. require laundries in the barracks; and
 - d. eliminate the separate soldier community building.

Request widest dissemination of the revised criteria.

3. The OACSIM POC is Mr. George Mino, P.E., DAIM-FDH-U, 703-428-7708, george.mino@hqda.army.mil; and the HQUSACE POC is Mr. Jeffery Hooghouse, AIA, CECW-E, 202-761-5903, jeffery.t.hooghouse@hq02.usace.army.mil.

LARRY J. LUST
Major General, GS
Assistant Chief of Staff
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Co-Chairman
DA Facilities Standardization
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2 Encls
as

CF:
G1

Revised Army Barracks Construction Criteria - May 2003

Item	Previous Criteria	New Criteria
Barracks and Support Spaces, Gross Area - Includes Soldier Community Facilities	Max 34 SM (366 SF) per space, or max 36 SM (388 SF) for barracks over 3-stories, or to meet site-specific requirements.	No change (limits set by Office of the Secretary of Defense)
Barracks Room, Net Area	Garrison Cmdr discretion: Max 17 SM (183 SF) Min 13 SM (140 SF) except for Korea Modified 2+0 (8.4 SM or 90 SF)	No change (upper limit set by Office of the Secretary of Defense)
Barracks Module, Gross Area	Limited only by OSD cap on total gross area (34 or 36 SM per space)	No change
Module Configuration	Garrison Commander discretion to select private modules (for any rank) or 2, 3, or 4-bedroom modules.	2-bedroom module with a kitchen and one bathroom. Module will be designated as 1+1 Enhanced (1+1E).
Soldier Community Building (SCB)	Downsize or delete	Integrate community functions into barracks buildings.
Cooking Facilities in each Barracks Module	Add a stove or cook top (optional outside U.S.), or design to make it easy to add in the future	Stove or cook top, and a microwave oven required in each 1+1E module. With a cook top, provide convection microwave.
Barracks Room Closet, Net Area	U.S. - Approx 3 SM (32 SF) Outside U.S. - Max 2 SM with separate bulk storage, or max 3 SM if bulk storage in closet	No change
Bulk Storage (personal)	U.S. - Delete (replaced by larger closet) Outside U.S. - Garrison Commander discretion	No change
Laundries	Garrison Commander discretion to locate in each module, each floor, each barracks, or SCB	Provide a washer and dryer in each module, or shared laundries with at least one per floor.
Other support functions: CQ desk, lobby, activity rooms, mailroom, vending, pay telephones, mud room, etc	Garrison Commander discretion to select needed functions and locations	No change
Configuration and Exterior Appearance	Garrison Commander discretion to make similar to private sector housing	No change. Building configurations can include mid-rise, low-rise, garden apartments, town homes,
Module Access	New barracks shall not have windows opening to an exterior corridor (balcony) or landing	No change
Technical Design Criteria and Standards	Industry standards except where military standards are required to meet specific operational needs	No change. Use appropriate methods and materials for occupancy to achieve economy.
Acquisition Method	Maximize use of design-build and explore other alternative acquisition procedures such as privatization	No change

GUIDANCE

Applicability: These revised criteria apply to new MCA-funded barracks, starting with FY 2005. The criteria can also be used for new barracks added by Congress to the FY 2004 MCA program, if practical. Barracks renovations starting in FY 2004 should also strive to incorporate the new criteria to the maximum extent feasible.

Barracks and Support Spaces, Area: There is no change in the overall gross area limits of the barracks and support areas (including soldier community functions) established by Sec Def memo of 6 November 1995.

Barracks Room, Area: There is no change in the maximum room area of 17 SM (183 SF) per Dep Sec Def memo of 25 June 2001. Also, the Army minimum remains unchanged at 13 SM (140 SF).

Barracks Module, Area: There continues to be no limitation on the size of the module per Dep Sec Def memo of 25 June 2001.

Module Configuration: The main reason for this revised guidance is to establish the two-bedroom / one bath (1+1) module as the standard configuration throughout the Army for new construction. The only exception is in Korea, which has a Sec Army waiver to construct modified 2+2 modules.

Since the VCSA issued new barracks criteria by memo of 11 Jul 2002, feedback has been received that shows private modules are not practical because of the OSD gross area limits. Additionally, private modules would double the number of bathrooms (creating a maintenance burden), make the goal of having laundries in each module economically infeasible, and impede social interaction. Private modules also would allow no distinction between the type of housing offered to a Private or Staff Sergeant. Whereas with a 1+1 module, the entire module is programmed for a NCO (from a construction standard perspective).

The four-bedroom module is also no longer an authorized option largely because of feedback that it would be a step backward in terms of privacy. While the module does offer the advantage of a larger shared area with a kitchen and laundry, there are concerns that it would be used effectively based on experience in the past with multiple bedroom VOLAR modules. Also, only a limited number of building configurations can accommodate four-bedroom modules.

The two-bedroom / one bath module with the larger rooms and closets will be designated as a 1+1E module (for enhanced) to differentiate it between the original 1+1 module.

Soldier Community Building (SCB): Since these criteria revisions eliminate the option for a central laundry for multiple barracks buildings, a separate soldier community building is no

longer authorized. Accordingly, communal functions should be integrated into the barracks buildings, and minimized to free up more personal space.

Cooking Facilities: All new or renovated 1+1 barracks modules shall either have a stove or cook top in each barracks module, along with a microwave oven. If a cook top is provided, then the microwave oven needs to be capable of convection cooking. The preferred configuration includes a combination microwave oven / range hood (ducted to the outside) above the stove or cook top.

Bulk Storage & Barracks Room Closets: There is no change to the 11 Jul 02 VCSA criteria.

Laundries: A central laundry for multiple barracks buildings is no longer authorized. The preference is to have a full size washer and dryer in each 1+1 module. If not practical, then each barracks building shall have at least one shared laundry per floor.

Other Barracks Support Functions: There is no change to the 11 Jul 02 VCSA criteria.

Configuration and Exterior Appearance: There is no change to the 11 Jul 02 VCSA criteria.

Module Access: The previous criteria need reemphasis. New barracks designs can use any type of module access found on private sector, long term rental housing such as interior corridors, interior breezeways, central stairwells (garden apartments), ground level walk-up entrances, etc. Exterior wrap-around balconies are not authorized, as well as any other configuration that has barracks windows opening to corridors or stairwell landings. This limitation is required to avoid comprising privacy, physical security, command & control, and anti-terrorism/force protection.

Technical Design Criteria and Standards: There is no change to the 11 Jul 02 VCSA criteria.

Acquisition Method: There is no change to the 11 Jul 02 VCSA criteria.

Documents on Web – This memo can be viewed on the ACSIM Facilities & Housing website - <http://www.hqda.army.mil/acsimweb/fd/construction/milconbar.htm>



DEPUTY SECRETARY OF DEFENSE

1010 DEFENSE PENTAGON
WASHINGTON, DC 20301-1010

JUN 25 2001



MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS

SUBJECT: Design and Construction of Unaccompanied Enlisted Personnel Housing

In November 1995, former Secretary of Defense William Perry issued policy implementing the 1+1 Unaccompanied Enlisted Personnel Housing (UEPH) construction standard in order to provide unaccompanied members with more privacy and amenities. The 1+1 construction standard consists of a module with two 11 square meter living/sleeping rooms and a common bath and kitchen/service area for two enlisted members. These criteria also limited each module to 47 square meters and the gross area to 66 square meters.

The Army submitted a proposal to the Installations Policy Board to amend the 1995 policy criteria by eliminating the 47 square meter restriction, increasing the living/sleeping areas to a maximum of 17 square meters, and, where cost effective, permit construction of private modules. This revision to the original policy would not change the overall intent of the December 1995 policy.

This proposal was vetted through the Engineering Senior Executive Panel, the Housing Policy Panel, and the Installation Policy Board to ensure that these changes were consistent with quality of life initiatives already in place, and to assess the cost implications if the new design standard was approved. With the recommendation of the Installation Policy Board on December 18, 2000, I am issuing the following changes to the 1+1 UEPH construction standard:

- The module area limit of 47 square meters is eliminated.
- The maximum net area per living/sleeping room is increased from 11 square meters to 17 square meters.
- Construction of private modules will be permitted.

These criteria changes are issued on the condition that their adoption not result in cost increases to UEPH buildings or increase the average cost to house each military member. Therefore, the existing gross area limitation for UEPH remains in place, and the unit cost guidance for UEPH issued by my staff will apply regardless of the selected design criteria.

The Service Secretary waiver authority outlined in the 1995 policy remains unaffected by this new guidance. Where Service design guidelines do not incorporate these permissive amended criteria, then the November 1995 policy criteria described above applies. Finally, existing unaccompanied housing will not be considered inadequate for assignment because of these revised criteria.

Adoption of this permissive guidance will allow the Services greater flexibility in designing and constructing unaccompanied housing by making greater use of industry standards. More importantly, eliminating the 47 square meter restriction allows the Services to better use limited space to increase the individual room sizes in each module, further enhancing quality of life for our single military members.

A handwritten signature in black ink, reading "Paul A. Heferty". The signature is written in a cursive style with a long horizontal line extending to the right.



THE SECRETARY OF DEFENSE
WASHINGTON, DC 20301-1000

6 NOV 1995

MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS

SUBJECT: Design and Construction of Unaccompanied Enlisted
Personnel Housing (UEPH)

Under Title 10 USC, Section 2856, the Secretary of Defense is required to establish the maximum allowable area per occupant for new, permanent, barracks construction. This memorandum complies with that requirement and establishes a new standard design criterion for future permanent party UEPH construction. The new standard does not apply to housing constructed for transients, recruits, or members receiving entry-level skill training. The standard is optional for barracks outside CONUS funded by other than the United States or constrained by site conditions, and for barracks to house other than full-time active duty Service members.

New construction (and rehabilitation where feasible) of UEPH will be based on a module consisting of two individual living/sleeping rooms with closets and a shared bath and service area. The module will contain a maximum of 47 sq. m. of gross area, measured from the center lines of all enclosing interior walls and to the outside face of exterior walls. Designs should be developed to produce 11 sq. m. of net living area per living/sleeping room, measured from the inside face of the walls to include all clear floor areas.

The maximum overall gross UEPH area, including all modules and support spaces, will be 66 sq. m. per module. To accommodate specific mission requirements, the Department of the Army is entitled to an additional overall gross UEPH area of 2 sq. m. per module. Up to 4 sq. m. per module may be added to the 66 sq. m. overall gross UEPH area for high-rise facilities (over three stories) or to meet other site-specific requirements.

This standard should be implemented as soon as practical, taking into consideration UEPH projects are at various stages of design and construction. The standard may be waived by the Secretary of a Military Department under the following circumstances:

Encl 3

- wherever the Secretary determines that unique mission requirements or operational commitments are better served by congregate living (possible examples: Seal Teams, Force Reconnaissance Marines, Special Forces)
- wherever the Secretary determines that the collective quality of life for members of a Service would be more enhanced by constructing to a lesser standard but providing new quarters to a larger number of members

Existing UEPH will not be considered inadequate for assignment because of these new criteria. But I recognize that their announcement represents a commitment to upgrading the level of privacy provided to each Service member as our resources and ingenuity permit. I challenge each Service to implement the new standard as part of an integrated UEPH plan which considers optimal use of existing, adequate quarters, renovation of those which can be made adequate, traditional military construction, and innovative use of private sector solutions.

William J. Perry

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